



2864

PATENT

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9/11/03

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11 April 2003
Date

Phoebe E. Pogson
Phoebe E. Pogson
2824

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Timothy B. Cowles et al.

Attorney Docket No.: 501030.01

Serial No. : 10/056,935

Group Art Unit : ~~2864~~ 2824

Filed : October 18, 2001

Examiner : not yet assigned

Title : LOW POWER AUTO-REFRESH CIRCUIT AND METHOD FOR DYNAMIC
RANDOM ACCESS MEMORIES

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

We hereby certify that each of the references set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

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Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, reading "Edward W. Bulchis". The signature is fluid and cursive, with the first name "Edward" being more prominent and the last name "Bulchis" written in a more compact, cursive style.

Edward W. Bulchis

Registration No. 26,847

Enclosures:

Postcard

Form PTO-1449; Cited References (2)

1420 Fifth Avenue, Suite 3400

Seattle, WA 98101

Telephone: (206) 903-8800

Facsimile: (206) 903-8820

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501030.01APPLICATION NO.
10/056,935

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Timothy B. Cowles et al.

FILING DATE

October 18, 2001

GROUP ART UNIT

2824

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------------|-------|----------|-------------------------------|
| | AA | 6,310,819 B1 | 10/30/01 | Cowles et al. | 365 | 230.06 | |
| | AB | 5,901,101 | 5/4/99 | Suzuki et al. | 365 | 222 | |
| | AC | | | | | | |
| | AD | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AK | | | | | | | |
| | AL | | | | | | | |
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).